

AN 2001:152280 CAPLUS  
 DN 134:196690  
 TI Cadmium-free silver-copper brazing alloys  
 IN Kempf, Bernd; Wittpahl, Sandra; Kaufmann, Dieter  
 PA Degussa-Huls Aktiengesellschaft, Germany; Brazetec GmbH  
 SO Eur. Pat. Appl., 8 pp.  
 CODEN: EPXXDW  
 DT Patent  
 LA German

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1078711	A1	20010228	EP 2000-117138	20000810
	EP 1078711	B1	20050629		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	DE 19940115	A1	20010301	DE 1999-19940115	19990824
	AT 298649	E	20050715	AT 2000-117138	20000810
	ES 2242562	T3	20051116	ES 2000-117138	20000810
	NZ 506379	A	20011221	NZ 2000-506379	20000816
	TW 528637	B	20030421	TW 2000-89116709	20000818
	JP 2001087889	A2	20010403	JP 2000-251145	20000822
	ZA 2000004336	A	20010227	ZA 2000-4336	20000823
PRAI	DE 1999-19940115	A	19990824		

AB The Cd-free brazing alloys contain Ag 45-75, Cu 10-30, Ga ≤20, Zn 1-25, Sn and/or In ≤6, Mn 0.1-8 or Si and/or Ge 0.1-3%. The nontoxic alloys have a low melting temperature and high wettability. The alloys

are suitable for brazing of hard metals such as brazing of diamond-coated hard metal components in manufacture of drill bits.

RE.CNT 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT